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POWER OF ATTORNEY

Attorney Docket Number: FSP0096
Title: ADAPTIVE BANDWIDTH SYSTEM AND METHOD FOR BROADCAST DATA
First Named Inventor: Daniel Sheeran
Application Number: 09/699,236 09699236
Filing Date: October 27, 2000
Art Unit: 2861
Examiner Name: Phin Sam

I/We hereby appoint:

Name: Charles A. Mirho
Registration Number: 41,189
Customer Number: 29588

as attorney to prosecute the application identified above, and for all divisional, continuing, continuation-in-part, substitute, renewal, and reissue applications based thereupon, and to transact all business in the United States Patent and Trademark Office connected therewith.

I/We hereby appoint the attorney identified above to prosecute the application identified above, and all applications which may derive there from, before all competent International Authorities of the Patent Cooperation Treaty, and to make and receive payments in connection therewith.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: nCUBE, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application having United States patent application number 09/699,236 filed in the United States Patent and Trademark Office on October 27, 2000 and entitled ADAPTIVE BANDWIDTH SYSTEM AND METHOD FOR BROADCAST DATA, by virtue of an assignment from the Inventor(s) of the patent application identified above. A copy of the assignment is attached.

The undersigned is authorized to act on behalf of the assignee.

Typed or printed name: ERIC R. CHRISTENSEN
Title: VP FINANCE
Signature: *Eric R. Christensen*
Date: 9-10-04

REVOCATION OF POWERS OF ATTORNEY and FEE ADDRESS INDICATION

Attorney Docket Number: FSP0096
Title: ADAPTIVE BANDWIDTH SYSTEM AND METHOD FOR BROADCAST
DATA
First Named Inventor: Daniel Sheeran
Application Number: 08/689,236
Filing Date: October 27, 2000
Art Unit: 2661
Examiner Name: Phirin Sam

REVOCATION OF PREVIOUS POWERS OF ATTORNEY

I hereby revoke all previous powers of attorney given in the above-identified application. A new power of attorney is submitted herewith.

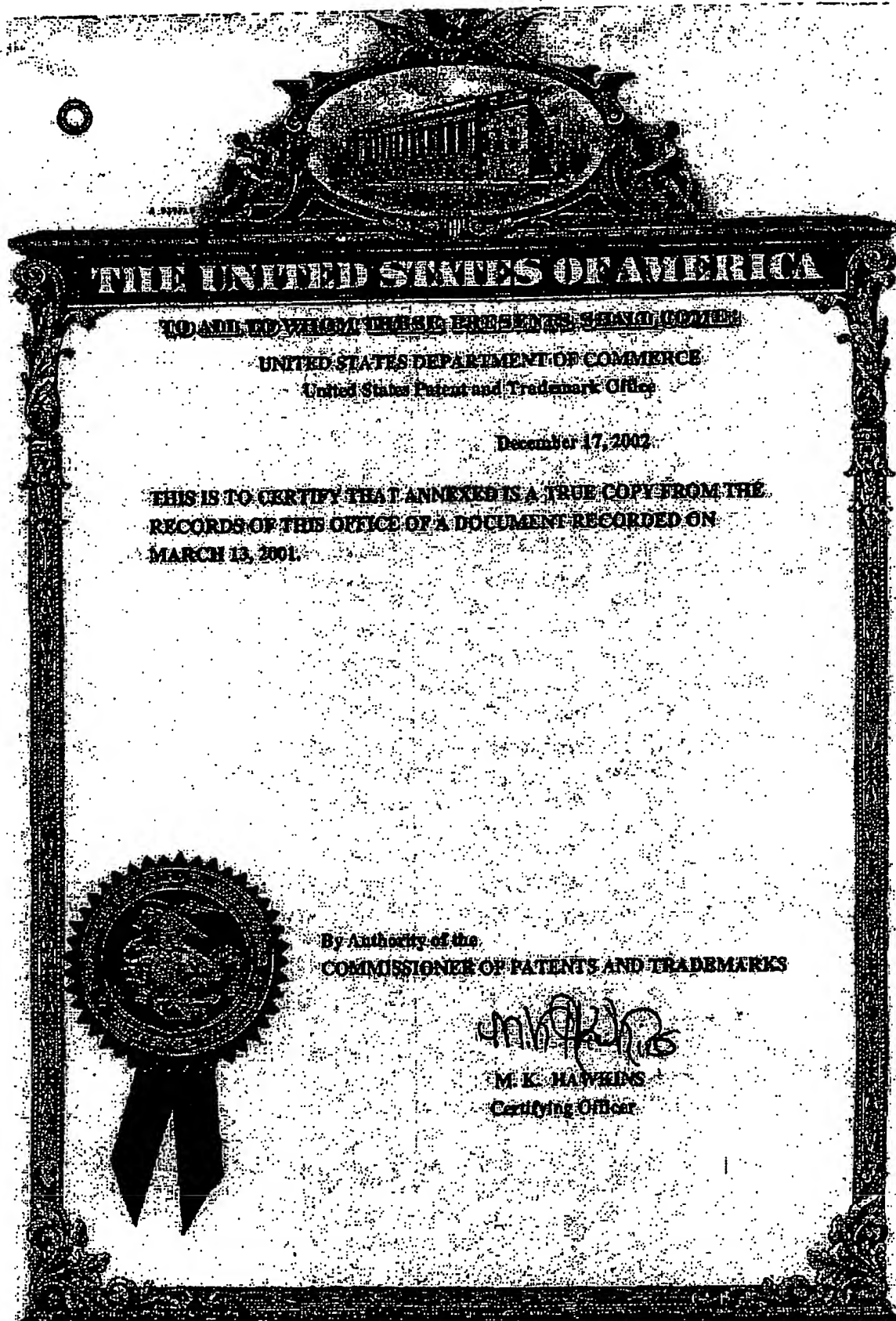
DESIGNATION OF FEE ADDRESS

Please recognize as the fee address under the provisions of 37 CFR 1.383 the address associated with customer number 29586.

I am the assignee of record of the entire interest. A statement under 37 CFR 3.73(b) is enclosed.

The undersigned is authorized to act on behalf of the assignee.

Typed or printed name: KYE R. CHRISTENSEN
Title: VP FINANCE
Signature: *Kye R. Christensen*
Date: 9-10-04



Attorney Docket No. 1140417-991111

ASSIGNMENT

WHEREAS, Daniel Sheeran made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled ADAPTIVE BANDWIDTH SYSTEM AND METHOD FOR BROADCAST DATA

as filed herewith
X as filed on October 27, 2000 as Serial No. 09/699,236

WHEREAS, nCube Corporation, a corporation of the State of California, and whose address is 110 Marsh Drive, Foster City, CA 94404 and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns

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Best Available Copy

Attorney Docket No. 1140417-591111

which may be useful for establishing my state of mind concerning disclosure, and resolution to practice of said inventions or discoveries.

IN WITNESS WHEREOF:


Dan Sheeran

STATE OF CALIFORNIA)

COUNTY OF)

On 2/28/01 before me, James H. Davis, Notary Public, personally appeared James H. Davis, personally known or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.


Notary Public

Only Certified Notary Public
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